GPO 452

Superseded by DPM 5069 5/74

HAZARDOUS MATERIALS DATA SHEET

(PLEASE COMPLETE APPLICABLE SECTIONS)

FEB 04 1982

DPM # 1294

1. PRODUCT NAME, NUMBER, SYNONYM: Cee-Bee A-90 Wipe Solvent

2. MANUFACTURER'S NAME: Cee-Bee Chemical, Chemetron Corporation

3. MANUFACTURER'S ADDRESS: 9520 East Ceebee Drive, Downey, California 90241

4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Wipe spills with cloth and allow to evaporate.

5. TRANSPORTATION AND STORAGE REQUIREMENTS: Store in cool dry place. Avoid prolonged temperatures below 32°F or above 100°F.

6. FIRST AID TREATMENT:

A. SKIN CONTACT: Wash with soap and water.

B. EYE CONTACT: Flush with water. Seek medical attention.

C. INHALATION: Remove to fresh air.

D. ANTIDOTE IN CASE OF SWALLOWING: Induce vomiting. Seek medical attention.

7. PHYSIOLOGICAL PROPERTIES:

A. ACUTE ORAL TOXICITY: Severe gastric upset.

B. LOCAL EFFECTS UPON EYES: Irritant

C. LOCAL EFFECTS UPON SKIN: Defats. Prolonged exposure is irritating.

D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Moderate.

E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Characteristic odor.

F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): approx. 500 ppm

DAC Calc. TLV = 250 ppm

8. CHEMICAL AND PHYSICAL PROPERTIES:

A. SPECIFIC GRAVITY (WATER=1) 0.97 B. VAPOR DENSITY (AIR=1) 2.9

C. VAPOR PRESSURE mm Hg AT 25°C. approx 200 D. pH of water extract = 7

E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: Attacks plexiglas, rubber, lacquers, enamels. May stain or weaken some fabrics.

F. DOES THE MATERIAL DECOMPO[illegible] WHEN EXPOSED TO AIR? WATER? HEAT? [illegible]RONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
Methylene Chloride	40 - 50
IPA	10 - 20
Mixed aromatic petroleum solvent	10 - 15
Methyl isobutyl carbinol	less than 5%
Aliphatic petroleum solvents	20 - 30

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Provide adequate ventilation. Avoid prolonged contact with skin. Avoid eye contact. Do not take internally.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Rubber gloves. Ventilating equip.

11. A. FLASHPOINT °F: CLOSED CUP -- ; OPEN CUP none up to and including boiling point ; IF F.P. CHANGES DURING EVAPORATION GIVE DATA: 50% evap. 74°F, 75% evap. 112°F

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER non-explosive ; UPPER

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES ; NO xxx

D. FIRE POINT °F does not burn ; AUTO IGNITION TEMPERATURE °F 500

E. VAPOR DENSITY 2.9

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? phosgene, oxides of carbon and water.

G. SUITABLE EXTINGUISHING AGENTS: CO_2

12. INFORMATION FURNISHED BY:

TITLE: Richard C. Condra
Chief Chemist

COMPANY: Chemetron Corporation
Cee-Bee Chemical

ADDRESS: 9520 E. Ceebee Drive, Downey, California 90241

DATE: June 1970

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE TREATED AS CONFIDENTIAL AND USED FOR THE PURPOSE OF PROTECTING THE HEALTH AND SAFETY OF MCDONNELL DOUGLAS CORP. EMPLOYEES AND THE SAFEGUARDING OF ITS PROPERTY. IT WILL ALSO BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, PROVINCIAL AND FEDERAL STATUTES AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO MATERIALS & PROCESS ENGINEERING DEPT. 255
DOUGLAS AIRCRAFT COMPANY OF CANADA LTD.
A.M.F. TORONTO, ONTARIO.